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other hand, *Aplos tuberosa*, Mænch, seems to compensate by its tubers for the very frequent abortion of its pods. These plants, with others, *Specularia*, for example, afford an interesting subject for investigation on this point.

W. H. L.

7. *Lemna Valdiviana*, Philippi, (L. Torreyi, *Austin*) grows in ponds near Patchogue, Long Island. Its habit is very similar to *L. tisulca*, growing under water in masses. I have found only sterile plants.

T. F. A.

8. *Nasturtium palustre*, L.—The typical form (smooth, with oblong pods) seems to be quite common about New-York, especially along the Harlem Rail-Road; it is more abundant than the hispid variety.

T. F. A.

9. *Arabis lavigata*, DC., grows in abundance on the low, rocky ground just southeast of Yonkers.

10. *Hesperis matronalis* seems thoroughly established, especially in the ditches along the rail-roads.

T. F. A.

11. *Bromus sterilis*, L., is very abundant along the Hudson River R. R., from Manhattanville to Yonkers. It comes very early and lasts but a short time; only dead specimens can usually be obtained after June.

T. F. A.

12. The Varian "Sycamore," more properly Plane-tree, which stood on the west side of Broadway, between 26th and 27th streets, was cut down the first week in November. Its diameter was more than four feet near the ground. Just at the street level there was a hollow place on one side, but on the whole it seemed remarkably sound. Some one might give us a history of the stately old giant. Two young observers who counted the rings made out 95, but the roughness of the sections made accuracy difficult.

13. *Polymnia Uvedalia*, L.—Dr. T. F. Allen found a small patch of this plant near the Weehawken Ferry in 1864. It was still to be found there this summer, but in danger of destruction, with the cliffs that sheltered it. Dr. Gray, by some accident, refers this locality to *P. Canadensis*. There is no doubt about its being *P. Uvedalia*.

14. Books.—Dr. Torrey has received "Traité Général de Botanique," by MM. Le Maout and Decaisne, with upwards of 5,500 illustrations by Steinheil and Riocreux.—T. F. A. has Hegelmaier's "Lemmaceen," with 16 plates. He makes three genera, *Wolfia*, (including Griffith's *Grantia*,) *Lemna*, and *Spirodela*. L. Torreyi, *Austin*, was less perfectly described by Philippi, 1864, and named *Valdiviana*, from Valdivia, in Chili, where it was first found.—W. H. L. has C. K. Sprengel's "Entdeckte Geheimniss," 1793; often quoted by Darwin.

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